



DEPARTMENT OF THE NAVY
NAVAL TRAINING CENTER
2601A PAUL JONES ST
GREAT LAKES, ILLINOIS 60088-5000

NTCGLAKESINST 5100.4C
N33
22 JUL 99

NTC GREAT LAKES (COMPLEX²) INSTRUCTION 5100.4C

From: Commander, Naval Training Center (NTC), Great Lakes

Subj: SIGHT CONSERVATION PROGRAM (SCP)

Ref: (a) OPNAVINST 5100.23E
(b) ANSI Z87.1 (NOTAL)
(c) ANSI Z358.1 (NOTAL)

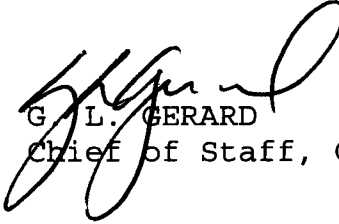
Encl: (1) Sight Conservation Program Requirements
(2) List of Protective Eye Equipment
(3) Request for Prescription Safety Eyewear
Form NTC-GL 5100/4 (Rev. 5-99)

1. Purpose. To publish the revision to the SCP.
2. Cancellation. NTCGLAKESINST 5100.4B. This instruction has been substantially revised and should be reviewed in its entirety.
3. Background. Reference (a) requires a SCP for personnel exposed to eye hazardous operations.
4. Policy. NTC policy is to actively support the SCP detailed in this instruction. Suitable eye protection shall be provided at government expense to personnel assigned to eye hazardous areas, processes, and occupations. References (b) and (c) list the specifications for protective eyewear and emergency eyewash facilities.
5. Action. Commanding Officers, Officers-in-Charge, Department Heads/Special Assistants, and Supervisors shall ensure compliance with the requirements of references (a) through (c) and enclosures (1) through (3).

NTCGLAKESINST 5100.4C

22 JUL 99

6. Form. The Request for Prescription Safety Eyewear, NTC-GL 5100/4 (Rev. 5-99), may be reproduced locally.



G. L. GERARD

Chief of Staff, Operations

Distribution:

NTCGLAKESINST 5216.5M

Lists I, II (Case B), IIIA, B & C (4 Only)

SIGHT CONSERVATION PROGRAM REQUIREMENTS

1. General. Per reference (a), protective eye equipment shall be utilized in eye hazardous areas. Only protective eyewear meeting reference (b) requirements shall be used. The protective devices shall be adequate for the hazards specified, reasonably comfortable and fit properly.

a. Areas designated as eye hazardous shall be posted with an appropriate warning sign per 29 CFR 1910.145.

b. Emergency eyewash facilities, meeting the requirements of reference (c), shall be accessible and provided in all areas where employees may be exposed to corrosive materials. Personal eyewash units will not be used. Self-contained eyewash stations may be used where water is not available and at remote locations. Plumbed eyewash stations shall be flushed weekly for a minimum of three minutes. Self-contained eyewash stations shall be serviced in accordance with manufacturer's instructions. Workcenters shall maintain dated and signed maintenance records.

c. Employees who require corrective lenses and work in eye hazardous areas shall be provided with a pair of prescription safety glasses which meet the requirements of reference (b). Employees not requiring prescription lenses shall wear protective eyewear that is available through the Federal Supply System.

d. Personnel considered visually impaired (corrected vision 20/200 or worse) in one or both eyes shall not be assigned duties in eye hazard areas.

e. Contact lenses do not provide eye protection and shall not be worn in an eye hazard area without protective eyewear.

2. Responsibilities

a. The NTC Safety Manager is responsible for determining eye hazardous areas, occupations and processes which require personal protective equipment or other safeguards to protect the eyes.

b. Supervisors shall:

(1) Establish and enforce the SCP within their area of responsibility.

(2) Emphasize the need for sight conservation to employees and ensure eye protection is utilized.

(3) Obtain eye protective equipment for employee use and provide training per paragraph 5.

c. Employees shall:

(1) Wear protective eyewear while performing tasks in eye hazard operations or areas.

(2) Clean and maintain their eye protective equipment.

(3) Immediately report all defective or inadequate eye protection equipment or procedures to the supervisor.

3. Refractive services and equipment

a. Requests for prescription safety eyewear, enclosure (3), shall be submitted to the NTC Safety Manager (N33) for approval. Upon approval, supervisors will schedule eye examinations for employees with the Naval Hospital Branch Clinic 237.

b. Prescription safety eyewear will be paid for by the requesting activity.

4. Temporary protective eyewear. Planos, goggles, or face-shields shall be provided to employees in the absence of prescription safety eyewear. This includes employees and/or visitors working or passing through an eye hazardous area.

5. Training topics to be provided

a. Awareness of tasks that use eye protection against impact, splashes, sparks or glare and responsibility for use of eye protective equipment.

b. Proper cleaning and wearing of eye protective equipment.

c. How to recognize when damage has occurred that affects the usefulness of eye protective equipment.

d. Use and location of eyewash stations when working with corrosive materials and first aid measures.

LIST OF PROTECTIVE EYE EQUIPMENT

<u>Chemical/Job</u>	<u>Protective Equipment</u>
Using acids, solvent, and lacquers, thinners, full- spray paints, etc.	Chemical face shields chemical goggles or face respirator, as appropriate
Using compressed air or steam under pressure	Safety glasses with side shields or ventilated goggles
Acetylene burning, cutting or welding	Welding helmet with appropriate lens shade
Using powder-actuated tools	Safety glasses w/side shields and face shield or ventilated goggles
Heating, pouring or handling molten metal	Safety glasses w/side shields, face shield or ventilated goggles
Electrical welding or brazing	Welding helmet with appropriate lens shade
Metal cutting, shearing, shaping or punching	Safety glasses w/side shields, face shield
Crating/uncrating operations	Safety glasses, face shield, or ventilated goggles
Scaling, scraping, or wire brushing	Safety glasses, face shield, or ventilated goggles
Striking metal against metal or holding the metal to be struck	Safety glasses, face shield, or ventilated goggles
Working inside boiler fire boxes or flues	Safety glasses with side shields

Spray painting	Safety glasses, face shield, or ventilated goggles
Working with insulation such as fiberglass, etc.	Safety glasses, face shield, or ventilated goggles
Nailing by hand or power nailers	Safety glasses, face shield, or ventilated goggles
Woodworking operations or dusting	Safety glasses, face shield, or ventilated goggles
Electrical line cutting, trimming or splicing	Safety glasses, face shield, or ventilated goggles
Using laser, ultraviolet or high intensity light	Goggles with appropriate lens shade

22 JUL 99

Date: _____

From: _____

To: Naval Hospital, Branch Clinic 237, Optometry
Department, Great LakesVia: Occupational Safety and Health Manager, Naval Training
Center, Great Lakes (N33)

Subj: REQUEST FOR PRESCRIPTION SAFETY EYEWEAR

1. I hereby request that _____ be
(Name of Employee)
examined for the purpose of obtaining protective prescription
eyewear.

2. I certify that the above named employee wears corrective
eyewear and is assigned to work in an eye hazard area.

3. The particular occupational eye hazards encountered by this
employee and frequency of exposure are (be specific):

4. The employee's job description is: _____

5. This employee meets the necessary criteria to warrant
procurement of protective corrective spectacles at government
expense. The employee understands that he/she shall care for
and utilize the eyewear in eye hazardous areas.

Signature: _____
Supervisor

Title, Command and Department

Safety Manager's Review:

1. Above request is approved/disapproved. (Circle one)

2. Reason for disapproval: _____

Signature and Date: _____

NTC-GL-Form 5100/4 (Rev. 5-99)

Encl (3)

